

**228th ST. SW CORRIDOR IMPROVEMENTS PROJECT
DESIGN AND CONSTRUCTION**
between
THE CITY OF MOUNTLAKE TERRACE
and
THE CITY OF EDMONDS

THIS INTERLOCAL AGREEMENT (hereinafter "the Agreement") is entered into under the authority of the Interlocal Cooperation Act, Chapter 39.34 RCW, by and between the City of Mountlake Terrace (hereinafter "MOUNTLAKE TERRACE"), a municipal corporation organized under the laws of the State of Washington, and the City of Edmonds (hereinafter "EDMONDS"), a municipal corporation organized under the laws of the State of Washington (individually "Party" and collectively "the Parties"), to provide for the design and construction of the **228th St. Corridor Improvements Project**, and to define the Parties' respective rights, obligations, costs and liabilities regarding this undertaking.

RECITALS

WHEREAS, Chapter 39.34 RCW authorizes two or more political subdivisions or units of local government of the State of Washington to cooperate on a basis of mutual advantage to provide for services and facilities; and

WHEREAS, EDMONDS is completing the designs for their 228th Corridor Improvements to improve EDMONDS' transportation system by constructing a new section of 228th St between State Route 99 and 76th Ave and installing new traffic signals at the intersections of 228th St and State Route 99 and 228th St and 76th Ave and other related transportation improvements; and

WHEREAS, EDMONDS is completing the designs for their State Route 99 Illumination Improvements Project to enhance street lighting on State Route 99 between 220th St and 212th St; and

WHEREAS, EDMONDS plans to bid both projects together in an effort to achieve more favorable bids on both projects; and

WHEREAS, for the purposes of this Agreement, the 228th Corridor Improvements Project and State Route 99 Illumination Improvements Project shall be referred to collectively as the "228th CORRIDOR PROJECT"; and

WHEREAS, the 228th CORRIDOR PROJECT has received federal and state grants that must be spent in a timely manner; and

WHEREAS, EDMONDS has been working with a qualified design consultant to complete the plans, specifications and estimates (hereinafter "CONTRACT BID DOCUMENTS") for the 228th CORRIDOR PROJECT; and

WHEREAS, EDMONDS agreed during the preliminary designs to use grant funds to pay 86.5% of the design and construction costs for a 2-inch pavement grind and overlay of 228th St/Lakeview Drive in MOUNTLAKE TERRACE; and

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WHEREAS, MOUNTLAKE TERRACE agreed during the preliminary designs to reimburse EDMONDS the remaining 13.5% of design and construction costs for a 2-inch pavement grind and overlay of 228th St/Lakeview Drive; and

WHEREAS, MOUNTLAKE TERRACE made the determination during final designs to reconstruct 228th St/Lakeview Drive in lieu of a 2-inch pavement grind and overlay; and

WHEREAS, EDMONDS has agreed at MOUNTLAKE TERRACE'S request to include the following improvements in the 228TH CORRIDOR PROJECT and CONTRACT BID DOCUMENTS:

1. Reconstruction of 228th St/Lakeview Drive between stations 19+17 and 36+30 as depicted on drawing # PV04 – PV08 attached hereto; and
2. Construction of four (4) pedestrian curb ramps on 228th St/Lakeview Drive; and
3. Installation of one (1) 2-inch diameter conduit between stations 13+20 and 23+50 for MOUNTLAKE TERRACE'S fiber optic traffic signal coordination system as depicted on drawing IC02 attached hereto.

WHEREAS, MOUNTLAKE TERRACE agrees to reimburse EDMONDS for 13.5% of the design cost to complete a 2-inch pavement grind and overlay of 228th St/Lakeview Drive; and

WHEREAS, MOUNTLAKE TERRACE agrees to reimburse EDMONDS for 13.5% of the actual construction cost of a 2-inch pavement grind and overlay of 228th St./Lakeview Drive as determined by the schedule of work in Exhibit B using unit bid prices specified in the awarded construction contract for the 228TH CORRIDOR PROJECT; and

WHEREAS, MOUNTLAKE TERRACE agrees to reimburse EDMONDS for the actual cost to design and reconstruct 228th St/Lakeview Drive that exceeds the actual construction cost of a 2-inch pavement grind and overlay, as determined by the schedule of work in Exhibit "B" using unit bid prices specified in the awarded construction contract for the 228TH CORRIDOR PROJECT; and

WHEREAS, EDMONDS agrees to use grant funds to pay 86.5% of the design and construction cost to replace four (4) pedestrian curb ramps on 228th St/Lakeview Drive, since this work would have been required as part of a 2-inch pavement grind and overlay; and

WHEREAS, MOUNTLAKE TERRACE agrees to reimburse EDMONDS the remaining 13.5% of the design and construction costs for replacing four (4) pedestrian curb ramps on 228th St/Lakeview Drive; and

WHEREAS, MOUNTLAKE TERRACE agrees to reimburse EDMONDS for all design and construction costs to install one (1) 2-inch diameter conduit and pull boxes between stations 13+20 and 23+50; and

WHEREAS, Exhibit "A" is a preliminary summary of design fees, opinion of construction costs, estimated construction management costs and estimated allocation of costs between EDMONDS AND MOUNTLAKE TERRACE for: (1) 2-inch pavement grind and overlay of 228th St/Lakeview Drive; (2) pavement reconstruction of 228th St/Lakeview Drive; (3) construction of four pedestrian curb ramps; and (4) installation of one 2-inch diameter conduit between stations 13+20 and 23+50 as depicted on drawing IC02; and

WHEREAS, the construction of the 228th CORRIDOR PROJECT is scheduled to begin in spring 2015; and

WHEREAS, the Parties desire to enter into this Agreement for the purpose of defining their respective rights, obligations, costs and liabilities regarding this undertaking; and

WHEREAS, the City Councils of the City of Mountlake Terrace and the City of Edmonds have taken appropriate action to approve their respective City's entry into this Agreement;

NOW, THEREFORE, in consideration of the terms, conditions and covenants contained herein, the Parties agree as follows:

TERMS

Section 1. Purpose. The purpose of this Agreement is to allocate and define the Parties' respective rights, obligations, costs and liabilities concerning the establishment, operation and maintenance of this undertaking. This Agreement further seeks to establish a formal arrangement under which MOUNTLAKE TERRACE will reimburse EDMONDS for:

- 13.5% of the design cost to complete a 2-inch pavement grind and overlay of 228th St/Lakeview Drive; and
- 13.5% of the actual construction cost of a 2-inch pavement grind and overlay, as determined by the schedule of work in Exhibit "B" using unit bid prices specified in the awarded construction contract for the 228TH CORRIDOR PROJECT; and
- The actual cost to design and reconstruct 228th St/Lakeview Drive that exceeds the actual construction cost of a 2-inch pavement grind and overlay, as determined by the schedule of work in Exhibit "B" using unit bid prices specified in the awarded construction contract for the 228TH CORRIDOR PROJECT; and

- 13.5% of the grant matching funds for the costs of design and construction to replace four (4) pedestrian curb ramps on 228th St/Lakeview Dr.; and
- All design and construction costs to install one (1) 2-inch diameter conduit and pull boxes between stations 13+20 and 23+50, as shown on Sheet IC02 for its fiber optic traffic signal coordination system, all as part of the 228th CORRIDOR PROJECT.

Section 2. Term. This Agreement shall be effective upon execution by the Parties hereto. Unless terminated in accordance with Section 3, this Agreement shall remain in effect until: (a) MOUNTLAKE TERRACE's written acceptance of all infrastructure provided herein; or (b) December 31, 2017, which ever shall first occur. Provided however, the Parties may at their option, renew and/or amend this Agreement for a mutually agreed upon term by a writing signed by both Parties.

Section 3. Termination. Prior to the award of the contract for the 228th CORRIDOR PROJECT, the Parties may mutually agree to terminate this Agreement, upon written notice by email or otherwise in which case this Agreement will be null and void. Provided however, if all bids on the 228th CORRIDOR PROJECT are greater than twenty percent (20%) over the engineer's estimate and EDMONDS determines not to award the contract, either Party may terminate this Agreement by providing the other Party with thirty (30) days written notice of its intent to terminate. Provided further, if the bid price for Bid Schedule D of CONTRACT BID DOCUMENTS on the 228th CORRIDOR PROJECT is greater than twenty percent (20%) over the engineer's estimate for Bid Schedule D, MOUNTLAKE TERRACE may terminate this Agreement by providing EDMONDS with thirty (30) days written notice of its intent to terminate. Provided further if the contract for the 228th CORRIDOR PROJECT work is awarded, the Parties may terminate this Agreement only for material breach of this Agreement, after providing the other party with thirty (30) days written notice of its intent to terminate. Notice shall state the reason(s) for termination. The breaching Party shall have the opportunity to cure the breach and/or mitigate damages. Termination or expiration shall not alter the MOUNTLAKE TERRACE payment obligations under Section 6 for services already rendered and shall not alter the Parties' respective obligations under Section 9 and Section 13 of this Agreement.

Section 4. Obligations of MOUNTLAKE TERRACE. MOUNTLAKE TERRACE agrees to:

- A. Provide periodic payments to EDMONDS, pursuant to Section 6 of this Agreement, to reimburse EDMONDS for:
 1. 13.5% of the design cost to complete a 2-inch pavement grind and overlay of 228th St/Lakeview Drive; and
 2. 13.5% of the actual construction cost of a 2-inch pavement grind and overlay, as determined by the schedule of work in Exhibit "B" using unit bid prices specified in the awarded construction contract for the 228th CORRIDOR PROJECT; and
 3. The actual cost to design and reconstruct 228th St/Lakeview Drive that exceeds the actual construction cost of a 2-inch pavement grind and overlay, as determined by the schedule of work in Exhibit "B" using

- unit bid prices specified in the awarded construction contract for the 228TH CORRIDOR PROJECT; and
4. 13.5% of the grant matching funds for the costs of design and construction to replace four (4) pedestrian curb ramps on 228th St/Lakeview Dr.; and
 5. All design and construction costs to install one (1) 2-inch diameter conduits and pull boxes between stations 13+20 and 23+50 as shown on Sheet IC02 for its fiber optic traffic signal coordination system, all as part of the 228th CORRIDOR PROJECT.
- B. Provide periodic payments to EDMONDS, pursuant to Section 6 of this Agreement, for construction management costs to administer Bid Schedule D as follows: a) at the documented hours invoiced to EDMONDS by its retained construction management company and design consultant for time spent on Bid Schedule D , plus b) the documented hours for EDMONDS' employees at the employee's direct hourly rate of pay and overhead rate for time spent on Bid Schedule D.
- C. Respond promptly to information requests submitted by EDMONDS or its agents regarding the pavement reconstruction, curb ramp installation, and conduit installation.
- D. Review and approve plans and specifications prepared by the consultant for the pavement reconstruction, curb ramp installation, and conduit installation (Bid Schedule D of CONTRACT BID DOCUMENTS). Approval shall not be unreasonably withheld.
- E. Provide (apply for and obtain) MOUNTLAKE TERRACE permits for any work to be performed within MOUNTLAKE TERRACE at no cost to EDMONDS. Provided, that nothing herein shall be construed as waiving or otherwise abridging MOUNTLAKE TERRACE'S regulatory authority for work within MOUNTLAKE TERRACE. No time restrictions shall be placed on such permits that would restrict EDMONDS' Contractor from working during the days and hours allowed in the CONTRACT BID DOCUMENTS.
- F. Provide timely review of designs prepared by EDMONDS' consultant, and complete final design approval by the timelines established by EDMONDS to meet its construction bidding schedule.
- G. Obtain Bid Award Concurrence from the MOUNTLAKE TERRACE City Council in accordance with Section 7 within thirty (30) days of the bid opening. MOUNTLAKE TERRACE may withhold Bid Award Concurrence if the bid price for Bid Schedule D of CONTRACT BID DOCUMENTS on the 228th CORRIDOR PROJECT is greater than

twenty percent (20%) over the engineer's estimate for Bid Schedule D. If the MOUNTLAKE TERRACE City Council does not provide Bid Award Concurrence within the 30-day time period, EDMONDS will eliminate this MOUNTLAKE TERRACE work from the contract and MOUNTLAKE TERRACE will be responsible for all costs to construct the three items outlined in paragraph 4A, above in a separate contract administered by MOUNTLAKE TERRACE.

- H. MOUNTLAKE TERRACE shall attend EDMONDS' weekly construction coordination meetings.
- I. MOUNTLAKE TERRACE will coordinate all corrections, concerns, issues, changes and contractor correspondence through the EDMONDS Project Manager.

Section 5. Obligations of EDMONDS. EDMONDS agrees to:

- A. Assume responsibility for constructing the 228th CORRIDOR PROJECT in accordance with the design plans approved by MOUNTLAKE TERRACE (including but not limited to securing all necessary consultants, contractors, and subcontractors). All construction contracts shall be procured through a formal competitive bidding process consistent with applicable State law. EDMONDS shall be solely and exclusively responsible for ensuring the compliance of said bidding process with all applicable procedures required under federal, state and local regulations.
- B. Submit to MOUNTLAKE TERRACE written invoices for payment in accordance with Section 6. Include copies of invoices from consultants and contractors, clearly indicating the MOUNTLAKE TERRACE portion of the invoices. Provide MOUNTLAKE TERRACE a brief written progress report with each invoice, describing in reasonable detail all work performed regarding pavement reconstruction, curb ramp installation, and conduit installation during the period covered by the invoice.
- C. Assume lead agency status and sole responsibility for applying for and obtaining any and all regulatory permits necessary to complete all work within MOUNTLAKE TERRACE for the 228th CORRIDOR PROJECT.
- D. Provide MOUNTLAKE TERRACE personnel reasonable access to the 228th CORRIDOR PROJECT'S construction area for purposes of monitoring the progress of work performed.
- E. Respond promptly to information requests submitted by MOUNTLAKE TERRACE or its agents regarding the 228th CORRIDOR PROJECT.

F. Provide Construction Management and Inspection services for Bid Schedule D of CONTRACT BID DOCUMENTS (pavement reconstruction, curb ramp installation, and conduit installation), including inspection, materials submittal approvals, daily reports, and paynotes to accomplish construction. EDMONDS will provide MOUNTLAKE TERRACE with copies of inspection reports/logs, quantity takeoff sheets, paynotes, force account tracking, independent estimates and project correspondence when work has been completed on MOUNTLAKE TERRACE portions of the 228th CORRIDOR PROJECT.

Section 6. Payment Schedule. The Parties agree to the following billing and payment schedule:

- A. For each outside construction contract expense incurred by EDMONDS regarding the 228th CORRIDOR PROJECT as outlined in Section 4, above, EDMONDS shall, within sixty (60) days of the date EDMONDS is billed or invoiced for any undisputed charge by its consultants, contractors and subcontractors, submit an invoice to MOUNTLAKE TERRACE for its share of said expense for Bid Schedule D of CONTRACT BID DOCUMENTS (pavement reconstruction, curb ramp installation, and conduit installation). Said invoice shall contain a reasonably detailed explanation of the methodology utilized by EDMONDS in calculating the MOUNTLAKE TERRACE share of each expense. Construction contract(s) shall provide for separate bid schedules, or other means to clearly identify the MOUNTLAKE TERRACE portion of the project costs. Design contract(s) shall identify all tasks and work performed associated with MOUNTLAKE TERRACE portion of the design on invoices, fee estimates and project status reports. Time is of the essence and EDMONDS shall not unreasonably delay submittal of invoices for the MOUNTLAKE TERRACE share of expenses.
- B. Within thirty (30) days of receiving any invoice pursuant to subsection 6.A, MOUNTLAKE TERRACE shall tender payment to EDMONDS in the form of a check, money order or other certified funds for the invoiced amount; PROVIDED THAT:
 - (1) The total payment by MOUNTLAKE TERRACE for invoices submitted by EDMONDS shall not exceed:
 - 13.5% of the design cost to complete a 2-inch pavement grind and overlay of 228th St/Lakeview Drive; and
 - 13.5% of the actual construction cost of a 2-inch pavement grind and overlay, as determined by the schedule of work in Exhibit "B" using unit bid prices specified in the awarded construction contract for the 228TH CORRIDOR PROJECT; and

- The actual cost to design and reconstruct 228th St/Lakeview Drive that exceeds the actual construction cost of a 2-inch pavement grind and overlay, as determined by the schedule of work in Exhibit “B” using unit bid prices specified in the awarded construction contract for the 228TH CORRIDOR PROJECT; and
- 13.5% of the grant matching funds for the costs of design and construction to replace four (4) pedestrian curb ramps on 228th St/Lakeview Dr.; and
- The actual construction costs to install one (1) 2-inch diameter conduit and pull boxes between stations 13+20 and 23+50 , as shown on Sheet IC02 for its fiber optic traffic signal coordination system, all as part of the 228TH CORRIDOR PROJECT; and
- The documented hours invoiced to EDMONDS by its retained construction management company and design consultant for time spent on Bid Schedule D , plus b) the documented hours for EDMONDS’ employees at the employee’s direct hourly rate of pay and overhead rate for time spent on Bid Schedule D;

(2) EDMONDS failure to submit an expense invoice in a timely manner shall extend MOUNTLAKE TERRACE’s payment obligation as reasonably necessary.

(3) EDMONDS shall timely notify MOUNTLAKE TERRACE in writing if expenditures necessary to complete design, installation, and construction management of Bid Schedule D of CONTRACT BID DOCUMENTS (pavement reconstruction, curb ramp installation, and conduit installation) are expected to exceed these amounts.

Section 7. Construction Bid Acceptance. Upon construction bid opening, EDMONDS shall obtain concurrence from MOUNTLAKE TERRACE prior to award of the pavement reconstruction, curb ramp installation, and conduit installation work as provided in Section 4, herein. Within 7 days after bid opening and prior to acceptance of the bid and award of a contract, EDMONDS shall provide written notice to MOUNTLAKE TERRACE of its financial responsibility. Concurrence with bid award by EDMONDS shall take place as provided in Section 4.G herein.

Section 8. Construction Change Orders. The following change order authorizations are hereby established for items of work to be paid by MOUNTLAKE TERRACE:

- A. The EDMONDS Public Works Director / City Engineer, with the prior written concurrence of the MOUNTLAKE TERRACE City Engineer, may authorize change order requests up to \$40,000 per change order;

PROVIDED that such change order does not place the total amount of change orders over the management reserve, in which case, the EDMONDS City Council must approve the change order.

- B. Each change order request exceeding \$40,000 shall be reviewed by both EDMONDS (by its Mayor or City Council, as directed by its internal policies) and MOUNTLAKE TERRACE (by its City Council) for approval or denial, and any such approval shall require the concurrence of both Parties.
- C. MOUNTLAKE TERRACE approved change order(s) involving a change in scope shall have the scope change authorized in writing by MOUNTLAKE TERRACE, and shall be subject to an increase or decrease of the EDMONDS construction management fees set forth in Section 4.B.

Section 9. Construction Claims and Disputes. If construction claims for additional payment are made by the construction contractor and/or disputes result regarding work in Bid Schedule D, EDMONDS shall endeavor to resolve the claims/disputes. Provided however, EDMONDS shall obtain MOUNTLAKE TERRACE approval prior to resolving the claims/disputes. MOUNTLAKE TERRACE will participate in resolving claims/disputes as necessary. Financial responsibility for approved construction claims/disputes arising from Bid Schedule D of CONTRACT BID DOCUMENTS (pavement reconstruction, curb ramp installation, and conduit installation) shall be the sole responsibility of MOUNTLAKE TERRACE. If such claims exceed the sums set forth in Section 6, MOUNTLAKE TERRACE shall authorize in writing additional sums to cover the cost of the claim/dispute.

Section 10. Construction Project Acceptance. Upon satisfactory completion of Bid Schedule D of CONTRACT BID DOCUMENTS (pavement reconstruction, curb ramp installation, and conduit installation), resolution of all claims for additional payment, completion of all contract closeout documents and agreement between EDMONDS and the contractor, EDMONDS shall recommend final acceptance to the MOUNTLAKE TERRACE City Engineer. Approval by the MOUNTLAKE TERRACE City Council shall be the responsibility of MOUNTLAKE TERRACE staff.

Section 11. Ownership and Disposition of Property. Bid Schedule D of CONTRACT BID DOCUMENTS (pavement reconstruction, curb ramp installation, and conduit installation) and all appurtenances thereof, constructed pursuant to this Agreement shall become and remain the exclusive property of MOUNTLAKE TERRACE upon completion.

Section 12. Administration; No Separate Entity Created. Pursuant to RCW 39.34.030, the parties hereby appoint a Contract Administrator who will be responsible for administering this Agreement, and at the direction of the parties, this Contract

Administrator shall take such action as is necessary to ensure that this Agreement is implemented in accordance with its terms. The Parties hereby designate the EDMONDS Public Works Director, or his designee, as the Contract Administrator for this Agreement. No separate legal entity is formed by this Agreement.

Section 13. Release, Indemnify, Defend and Hold Harmless Agreement.

Each Party to this Agreement shall be responsible for its own negligent and/or wrongful acts or omissions, and those of its own agents, employees, representatives or subcontractors, to the fullest extent required by the laws of the State of Washington. Each Party agrees to protect, indemnify and hold the other Party harmless from and against any and all such liability for injury or damage to the other Party or the other Party's property, and also from and against all claims, demands, and causes of action of every kind and character arising directly or indirectly, or in any way incident to, in connection with, or arising out of work performed under the terms hereof, caused by its own fault or that of its agents, employees, representatives or subcontractors.

Each Party specifically promises to indemnify the other Party against claims or suits brought under Title 51 RCW by its own employees, contractors, or subcontractors, and waives any immunity that each Party may have under that title with respect to, but only to, the limited extent necessary to indemnify the other Party. This waiver has been mutually negotiated by the Parties. Each Party shall also indemnify and hold the other party harmless from any wage, overtime or benefit claim of any of the first Party's employees, agents, representatives, contractors or subcontractors performing services under this Agreement. Each Party further agrees to fully indemnify the other Party from and against any and all costs of defending any such claim or demand to the end that the other Party is held harmless therefrom.

Section 14. Governing Law and Venue. This Agreement shall be governed by the laws of the State of Washington. Any action arising out of this Agreement shall be brought in Snohomish County Superior Court.

Section 15. No Employment Relationship Created. The Parties agree that nothing in this Agreement shall be construed to create an employment relationship between MOUNTLAKE TERRACE and any employee, agent, representative or contractor of EDMONDS, or between EDMONDS and any employee, agent, representative or contractor of MOUNTLAKE TERRACE.

Section 16. Notices. Notices to MOUNTLAKE TERRACE shall be sent to the following address:

**City of Mountlake Terrace
Public Works Director/Acting City Engineer
6100 219th St. SW, Suite 200
Mountlake Terrace, WA 98043**

Notices to EDMONDS shall be sent to the following address:

**City of Edmonds
City Engineer
121 Fifth Avenue N.
Edmonds, WA 98020**

Section 17. Incorporation of Exhibits, Final Opinion of Costs/Schedules. Exhibits A and B and Final Opinion of Costs/Schedules are attached hereto and incorporated by reference as though fully set forth.

Section 18. Duty to File Agreement With County Auditor. Pursuant to RCW 39.34.040, after this Agreement is executed by both Parties, EDMONDS shall either file this Agreement with the Snohomish County Auditor or make it available on the EDMONDS website.

Section 19. Integration. This document constitutes the entire embodiment of the Agreement between the Parties, and, unless modified in writing by an amendment to this Interlocal Agreement signed by the Parties hereto, shall be implemented as described above.

Section 20. Non-Waiver. Waiver by any Party of any of the provisions contained within this Agreement, including but not limited to any performance deadline, shall not be construed as a waiver of any other provisions.

CITY OF MOUNTLAKE TERRACE

By: Arlene Fisher
Arlene Fisher, City Manager

Date: 3/3/15

CITY OF EDMONDS

By: Dave Earling
Dave Earling, Mayor

Date: 3/12/15

ATTEST:

Virginia Olsen
Virginia Olsen, City Clerk

APPROVED AS TO FORM:

ATTEST:

Scott Passey
Scott Passey, City Clerk

APPROVED AS TO FORM:

GGS
Gregory G. Schrag, City Attorney

Sharon Carter
Office of the City Attorney

EXHIBIT A

(Sheet 1 of 1)

Preliminary Summary of Construction Costs

No.	Description	Design fees	Opinion of Construction Costs	Construction Mgmt Costs (15%)	Total (1)+(2)+(3)	Edmonds (4)	% (5)	MLT (6)	% Share (7)	% Share (8)
1	2-inch pavement grind and overlay of 228th St/Lakeview Drive	\$26,000.00 ^{1,6}	\$229,850.00 ³	\$34,477.50 ³	\$290,327.50 ⁵	\$251,133.29 ⁵	86.5 ⁵	\$39,194.21 ⁵	13.5 ⁵	
2	Reconstruction of 228th St/Lake View Drive	\$738.00 ^{1,2,4}	\$297,326.00 ³	\$44,598.90 ³	\$342,662.90 ⁵		0.0 ⁵	\$342,662.90 ⁵	100.0 ⁵	
3	4 pedestrian curb ramps	\$2,500.00 ^{1,2}	\$11,200.00 ³	\$1,680.00 ³	\$15,380.00 ⁵	\$13,303.70 ⁵	86.5 ⁵	\$2,076.30 ⁵	13.5 ⁵	
4	1,000 feet of 2-inch conduit	\$431.00 ^{1,2}	\$10,000.00 ³	\$1,500.00 ³	\$11,931.00 ⁵		0.0 ⁵	\$11,931.00 ⁵	100.0 ⁵	
	Totals:	\$29,669.00	\$548,376.00	\$82,256.40	\$660,301.40	\$264,436.99		\$395,864.41		

Notes

1. Construction cost will be determined from the contract award.
2. Cost Estimate Prepared by Pereteet
3. 15% Estimate for City Construction Management Costs. Final allocation of costs will be in accordance with terms provided herein with this Agreement.
4. The opinion of construction cost to reconstruct 228th St/ Lakeview Drive is \$527,176. The \$297,326 cost in the table is calculated by using the opinion of construction cost to reconstruct 228th St/Lakeview Drive (\$527,176) less the cost to complete a 2-inch pavement grind and overlay (\$229,850).
5. Final allocation of costs between each agency will be in accordance with the terms provided herein with this Agreement.

Exhibit "B"
Schedule of Work
2-inch Grind & Overlay 228th St/Lakeview Drive

Item	Unit	Quantity	Unit Price	Cost
Flaggers	HR	250		\$0
Saw Cutting Existing Pavement	LF	220		\$0
HMA Cl. 1/2 In. PG 64-22	TON	910		\$0
Planing Bituminous Pavement - 2 In.	SY	7300		\$0
Adjust Catch Basin	EA	18		\$0
Inlet Protection	EA	16		\$0
Erosion/Water Pollution Control	EST	1		\$0
Raised Pavement Marker Type 2	HUND	1		\$0
Adjust Monument Case and Cover	EA	2		\$0
Paint Line	LF	2270		\$0
Plastic Wide Lane Line	LF	390		\$0
Plastic Crosswalk Line	SF	580		\$0
Plastic Stop Line	LF	30		\$0
Plastic Traffic Arrow	EA	4		\$0
Temporary Pavement Marking	LF	5400		\$0
Adjust Gas Valve Box	EA	3		\$0
Adjust Water Valve Box	EA	20		\$0
Adjust Sanitary Sewer Manhole	EA	2		\$0
SUBTOTAL =				\$0
Item	Unit	Quantity	% of Subtotal	Cost
Roadway Surveying	LS	1	1.5%	\$0
Mobilization	LS	1	5.0%	\$0
Project Temporary Traffic Control	LS	1	1.5%	\$0
Traffic Control Supervisor	LS	1	1.5%	\$0
Pedestrian Traffic Control	LS	1	0.5%	\$0
OVERLAY TOTAL =				\$0

FINAL OPINION OF COST						
City of Edmonds - 228th Street SW Corridor Improvements						
2/26/15						
Std. Spec	ITEM	UNITS	QUANTITY	UNIT PRICE	AMOUNT	
Item No.	Section					
Schedule A - Roadway						
1	1-04.4SP Unexpected Site Changes	EST	1	\$ 30,000	\$ 30,000	
2	1-05.4SP Structure Surveying	LS	1	\$ 20,800	\$ 20,800	
3	1-05.4SP Roadway Surveying	LS	1	\$ 49,000	\$ 49,000	
4	1-05.4SP Licensed Surveying	EST	1	\$ 5,000	\$ 5,000	
5	1-05.18SP Record Drawings (Minimum Bid \$7,500)	LS	1	\$ 7,500	\$ 7,500	
6	1-07.11SP Training	HR	400	\$ 5	\$ 2,000	
7	1-07.15SP SPCC Plan	LS	1	\$ 2,500	\$ 2,500	
8	1-07.17SP Potholing	EA	60	\$ 500	\$ 30,000	
9	1-08.3SP Type B Progress Schedule	LS	1	\$ 10,000	\$ 10,000	
10	1-09.7 Mobilization	LS	1	\$ 220,000	\$ 220,000	
11	1-10SP Project Temporary Traffic Control	LS	1	\$ 82,400	\$ 82,400	
12	1-10SP Flaggers	HR	3,970	\$ 50	\$ 198,500	
13	1-10SP Traffic Control Supervisor	LS	1	\$ 80,500	\$ 80,500	
14	1-10SP Off-Duty Uniformed Police Officer (Min. Bid \$45.00)	HR	100	\$ 45	\$ 4,500	
15	2-01SP Clearing and Grubbing	AC	1	\$ 6,000	\$ 6,000	
16	2-01SP Tree Removal, 12-Inch Diam. And Over	EA	21	\$ 500	\$ 10,500	
17	2-02SP Removal of Structure and Obstruction	LS	1	\$ 32,000	\$ 32,000	
18	2-02SP Removing Cement Conc. Sidewalk	SY	800	\$ 15	\$ 12,000	
19	2-02SP Removing Cement Conc. Curb and Gutter	LF	1,150	\$ 10	\$ 11,500	
20	2-02SP Removing Cement Conc. Gutter	LF	50	\$ 15	\$ 750	
21	2-02SP Removing Asphalt Conc. Pavement	SY	3,400	\$ 15	\$ 51,000	
22	2-02SP Removing Traffic Curb	LF	1,130	\$ 10	\$ 11,300	
23	2-02SP Removing Traffic Island	SY	330	\$ 50	\$ 16,500	
24	2-02SP Removing Existing Drainage Pipe	LF	1,500	\$ 10	\$ 15,000	
25	2-02SP Removing Drainage Structure	EA	16	\$ 750	\$ 12,000	
26	2-03 Roadway Excavation Incl. Haul	CY	50	\$ 50	\$ 2,500	
27	2-03 Gravel Borrow Incl. Haul	TON	7,390	\$ 20	\$ 147,800	
28	2-03 Ditch Excavation Incl. Haul	CY	260	\$ 25	\$ 6,500	
29	2-09 Structure Excavation Class B Incl. Haul	CY	1,620	\$ 20	\$ 32,400	
30	2-09 Shoring or Extra Excavation Class B	SF	10,000	\$ 1	\$ 10,000	
31	2-12 Construction Geotextile for Underground Drainage	SY	300	\$ 5	\$ 1,500	
32	4-04 Crushed Surfacing Base Course	TON	1,460	\$ 30	\$ 43,800	
33	4-04 Crushed Surfacing Top Course	TON	60	\$ 30	\$ 1,800	
34	5-04SP Planing Bituminous Pavement - 2 In.	SY	3,840	\$ 6	\$ 23,040	
35	5-04SP Planing Bituminous Pavement - 4 In.	SY	380	\$ 11	\$ 4,180	
36	5-04SP Planing Bituminous Pavement - 10 In.	SY	1,400	\$ 14	\$ 19,600	
37	5-04SP Geotextile for Paving	SY	4,500	\$ 2	\$ 9,000	
38	5-04 HMA Cl. 1/2 In. PG 64-22	TON	3,500	\$ 100	\$ 350,000	
39	5-04 HMA Cl. 1/2 In. PG 58-22	TON	30	\$ 110	\$ 3,300	
40	5-04 Commercial HMA	TON	40	\$ 80	\$ 3,200	
41	5-04SP Asphalt Cost Price Adjustment	CALC	1	\$ 5,955	\$ 5,955	
42	6-13SP Structural Earth Wall	SF	3,230	\$ 35	\$ 113,050	
43	6-13 Gravel Borrow for Structural Earth Wall Incl. Haul	CY	760	\$ 40	\$ 30,400	
44	6-13SP Concrete Top Cap For Wall	LF	680	\$ 25	\$ 17,000	
45	6-20SP Modular Block Wall	SF	620	\$ 30	\$ 18,600	
46	6-20SP Double Modular Block Wall	SF	110	\$ 60	\$ 6,600	
47	7-01 Underdrain Pipe 36 In. Diam.	LF	130	\$ 100	\$ 13,000	
48	7-01 Drain Pipe 8 In. Diam.	LF	30	\$ 25	\$ 750	
49	7-01 Gravel Backfill for Drain	CY	100	\$ 35	\$ 3,500	
50	7-04 Schedule A Storm Sewer Pipe 12 In. Diam	LF	970	\$ 45	\$ 43,650	
51	7-04 Schedule A Storm Sewer Pipe 18 In. Diam	LF	470	\$ 60	\$ 28,200	
52	7-04SP Ductile Iron Storm Sewer Pipe 12 In. Diam.	LF	370	\$ 75	\$ 27,750	
53	7-04 Testing Storm Sewer Pipe	LF	1,810	\$ 3	\$ 5,430	
54	7-05 Catch Basin Type 1	EA	30	\$ 1,300	\$ 39,000	
55	7-05 Catch Basin Type 2 48 In. Diam.	EA	11	\$ 3,200	\$ 35,200	
56	7-05 Catch Basin Type 2 54 In. Diam.	EA	4	\$ 5,200	\$ 20,800	
57	7-05 Catch Basin Type 2 60 In. Diam.	EA	1	\$ 6,000	\$ 6,000	
58	7-05 Catch Basin Type 2 60 In. Diam. With Flow Restrictor	EA	1	\$ 5,700	\$ 5,700	
59	7-05SP Catch Basin Type 2 72 In. Diam. With Weir Wall	EA	1	\$ 8,000	\$ 8,000	
60	7-05SP Connection to Drainage Structure	EA	19	\$ 900	\$ 17,100	
61	7-05 Adjust Catch Basin	EA	13	\$ 450	\$ 5,850	
62	7-05SP Adjust Drainage Manhole	EA	8	\$ 600	\$ 4,800	
63	7-05SP Adjust Fiber Manhole	EA	4	\$ 500	\$ 2,000	
64	7-05SP Adjust Sanitary Sewer Manhole	EA	10	\$ 500	\$ 5,000	

FINAL OPINION OF COST						
City of Edmonds - 228th Street SW Corridor Improvements						
2/26/15						
65	7-06SP	Media Filter Catch Basin	EA	1	\$ 20,000	\$ 20,000
66	7-06SP	Media Filter Vault	EA	1	\$ 50,000	\$ 50,000
67	7-08SP	Steel Casing 24 In. Diam	LF	27	\$ 200	\$ 5,400
68	7-12SP	Adjust Water Valve Box	EA	24	\$ 400	\$ 9,600
69	7-20SP	Detention Vault	LS	1	\$ 328,000	\$ 328,000
70	7-20SP	Structure Excavation Class A Incl. Haul	CY	2,720	\$ 30	\$ 81,600
71	7-20SP	Shoring or Extra Excavation Class A	LS	1	\$ 80,000	\$ 80,000
72	7-21SP	Amended Soil	CY	60	\$ 140	\$ 8,400
73	8-01	Inlet Protection	EA	52	\$ 95	\$ 4,940
74	8-01	Silt Fence	LF	960	\$ 5	\$ 4,800
75	8-01	Stabilized Construction Entrance	SY	490	\$ 20	\$ 9,800
76	8-01SP	Erosion and Water Pollution Control	LS	1	\$ 78,500	\$ 78,500
77	8-01SP	SWPPP Preparation and Maintenance	LS	1	\$ 2,500	\$ 2,500
78	8-02	Bark or Wood Chip Mulch	CY	40	\$ 45	\$ 1,800
79	8-02SP	Topsoil Type A	CY	90	\$ 50	\$ 4,500
80	8-02	Zelkova Serrata Street Tree (2 1/2 cal.)	EA	1	\$ 1,500	\$ 1,500
81	8-02SP	Property Restoration	EST	1	\$ 30,000	\$ 30,000
82	8-04	Cement Conc. Pedestrian Curb	LF	60	\$ 25	\$ 1,500
83	8-04	Cement Conc. Traffic Curb and Gutter	LF	2,500	\$ 25	\$ 62,500
84	8-05SP	Low Profile Barrier Curb	LF	950	\$ 35	\$ 33,250
85	8-06SP	Cement Conc. Driveway Entrance	SY	190	\$ 75	\$ 14,250
86	8-07	Precast Sloped Mountable Curb	LF	30	\$ 30	\$ 900
87	8-07	Precast Dual Faced Sloped Mountable Curb	LF	820	\$ 30	\$ 24,600
88	8-09	Raised Pavement Marker Type 1	HUND	3	\$ 650	\$ 1,950
89	8-09	Raised Pavement Marker Type 2	HUND	4	\$ 650	\$ 2,600
90	8-12SP	Coated Chain Link Fence Type 3	LF	220	\$ 30	\$ 6,600
91	8-12SP	Coated Chain Link Fence Type 42 Inch	LF	300	\$ 30	\$ 9,000
92	8-12	Coated Single 6 Ft. Chain Link Gate Type 42 In.	EA	1	\$ 800	\$ 800
93	8-13SP	Adjust Monument Case and Cover	EA	4	\$ 500	\$ 2,000
94	8-14SP	Cement Conc. Sidewalk	SY	1,000	\$ 70	\$ 70,000
95	8-14SP	Cement Conc. Curb Ramp Type Parallel	SY	280	\$ 160	\$ 44,800
96	8-14SP	Cement Conc. Curb Ramp Type Perpendicular	SY	30	\$ 160	\$ 4,800
97	8-14SP	Cement Conc. Curb Ramp Type Directional	SY	20	\$ 160	\$ 3,200
98	8-16SP	Mailbox Support	EA	2	\$ 500	\$ 1,000
99	8-19SP	Pedestrian Railing	LF	160	\$ 250	\$ 40,000
100	8-20SP	Traffic Signal System SR99/228th	LS	1	\$ 310,000	\$ 310,000
101	8-20SP	Traffic Signal System 228th/76th	LS	1	\$ 218,000	\$ 218,000
102	8-20SP	Traffic Signal Interconnect System Complete	LS	1	\$ 28,000	\$ 28,000
103	8-20SP	Illumination System Complete - South	LS	1	\$ 25,000	\$ 25,000
104	8-20SP	Relocate Private Light	EA	1	\$ 300	\$ 300
105	8-20	Directional Boring	LF	750	\$ 75	\$ 56,250
106	8-21SP	Permanent Signing	LS	1	\$ 14,400	\$ 14,400
107	8-21SP	Radar Feedback Sign	EA	1	\$ 5,000	\$ 5,000
108	8-22	Paint Line	LF	5,090	\$ 1	\$ 5,090
109	8-22	Plastic Wide Lane Line	LF	4,810	\$ 4	\$ 19,240
110	8-22	Plastic Crosswalk Line	SF	1,650	\$ 7	\$ 11,550
111	8-22	Plastic Stop Line	LF	330	\$ 10	\$ 3,300
112	8-22	Plastic Traffic Arrow	EA	25	\$ 150	\$ 3,750
113	8-22	Plastic Traffic Letter	EA	16	\$ 100	\$ 1,600
114	8-22	Plastic Bicycle Lane Symbol	EA	18	\$ 150	\$ 2,700
115	8-23	Temporary Pavement Marking	LF	19,800	\$ 1	\$ 19,800
116	8-26SP	Stamped Concrete	SY	300	\$ 120	\$ 36,000
117	8-27SP	Adjust Gas Valve Box	EA	5	\$ 300	\$ 1,500
118	8-28SP	Wood Board Fence	LF	30	\$ 40	\$ 1,200
SCH. A SUBTOTAL						\$ 3,850,975

FINAL OPINION OF COST
City of Edmonds - 228th Street SW Corridor Improvements
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Schedule B - Water System						
1	1-04.4SP	Unexpected Site Changes	EST	1	\$ 10,000	\$ 10,000
2	1-05.4SP	Roadway Surveying	LS	1	\$ 900	\$ 900
3	1-05.18SP	Record Drawings (Minimum Bid \$2,000)	LS	1	\$ 2,000	\$ 2,000
4	1-07.17SP	Potholing	EA	5	\$ 500	\$ 2,500
5	1-09.7	Mobilization	LS	1	\$ 3,000	\$ 3,000
6	1-10SP	Project Temporary Traffic Control	LS	1	\$ 1,100	\$ 1,100
7	1-10SP	Flaggers	HR	120	\$ 50	\$ 6,000
8	1-10SP	Traffic Control Supervisor	LS	1	\$ 3,000	\$ 3,000
9	2-02SP	Removing Asphalt Conc. Pavement	SY	100	\$ 15	\$ 1,500
10	5-04	Commercial HMA	TON	20	\$ 80	\$ 1,600
11	7-09SP	Temporary Jump Connection	EA	6	\$ 2,000	\$ 12,000
12	7-09SP	Tapping Sleeve and Valve Assembly 12 In. x 6 In.	EA	1	\$ 4,000	\$ 4,000
13	7-09SP	6-In. 45° Bend	EA	1	\$ 250	\$ 250
14	7-09SP	6-In. 11.25° Bend	EA	1	\$ 250	\$ 250
15	7-09SP	6" Cap or Plug	EA	2	\$ 250	\$ 500
16	7-09SP	Ductile Iron Pipe for Water Main 6 In. Diam.	LF	45	\$ 70	\$ 3,150
17	7-09SP	Bank Run Gravel for Trench Backfill	LF	45	\$ 5	\$ 225
18	7-09SP	Split Wedge Activated Restraint Harness	EA	4	\$ 1,250	\$ 5,000
19	7-09SP	Remove Existing Water Main Pipe	LS	1	\$ 2,000	\$ 2,000
20	7-09SP	Temporary Water Main Support	LS	1	\$ 3,000	\$ 3,000
21	7-15SP	Service Connection 1 In. Diam.	EA	2	\$ 1,400	\$ 2,800
22	7-15SP	Service Connection 2 In. Diam.	EA	1	\$ 2,000	\$ 2,000
23	8-01SP	Erosion and Water Pollution Control	LS	1	\$ 1,100	\$ 1,100
24	8-02SP	Property Restoration	EST	1	\$ 2,000	\$ 2,000
		WSST @ 9.5%				\$ 6,448
		SCH. B SUBTOTAL				\$ 76,323

Schedule C - Sanitary Sewer System						
1	1-04.4SP	Unexpected Site Changes	EST	1	\$ 10,000	\$ 10,000
2	1-05.4SP	Roadway Surveying	LS	1	\$ 2,700	\$ 2,700
3	1-05.18SP	Record Drawings (Minimum Bid \$2,000)	LS	1	\$ 2,000	\$ 2,000
4	1-07.17SP	Potholing	EA	5	\$ 500	\$ 2,500
5	1-09.7	Mobilization	LS	1	\$ 10,000	\$ 10,000
6	1-10SP	Project Temporary Traffic Control	LS	1	\$ 3,300	\$ 3,300
7	1-10SP	Flaggers	HR	160	\$ 50	\$ 8,000
8	1-10SP	Traffic Control Supervisor	LS	1	\$ 3,000	\$ 3,000
9	2-03	Gravel Borrow Incl. Haul	TON	510	\$ 20	\$ 10,200
10	2-09	Structure Excavation Class B Incl. Haul	CY	580	\$ 20	\$ 11,600
11	2-09	Shoring or Extra Excavation Class B	SF	4,480	\$ 1	\$ 4,480
12	5-04	Commercial HMA	TON	10	\$ 80	\$ 800
13	7-05	Manhole 48 In. Diam Type 1	EA	4	\$ 5,000	\$ 20,000
14	7-05	Manhole Additional Height 48 In. Diam. Type 1	LF	13	\$ 600	\$ 7,800
15	7-05SP	Drop Manhole Connection	EA	1	\$ 1,000	\$ 1,000
16	7-08SP	Steel Casing 12 In. Diam	LF	12	\$ 100	\$ 1,200
17	7-17	PVC Sanitary Sewer Pipe 8 In. Diam.	LF	360	\$ 110	\$ 39,600
18	7-17	Testing Sewer Pipe	LF	360	\$ 3	\$ 1,080
19	7-17SP	Sewage Diversion	LS	1	\$ 20,000	\$ 20,000
20	7-17SP	Connections to Sanitary Sewer Manhole	EA	4	\$ 900	\$ 3,600
21	7-17SP	Removing Existing Sanitary Sewer Pipe	LF	340	\$ 10	\$ 3,400
22	7-17SP	Removing Sanitary Sewer Manhole	EA	2	\$ 750	\$ 1,500
23	7-19SP	Sewer Service	EA	1	\$ 1,000	\$ 1,000
24	8-01SP	Erosion and Water Pollution Control	LS	1	\$ 3,300	\$ 3,300
25	8-02SP	Property Restoration	EST	1	\$ 2,000	\$ 2,000
		WSST @ 9.5%				\$ 16,346
		SCH. C SUBTOTAL				\$ 190,406

FINAL OPINION OF COST						
City of Edmonds - 228th Street SW Corridor Improvements						
2/26/15						
Schedule D - Mountlake Terrace						
1	1-04.4SP	Unexpected Site Changes	EST	1	\$ 10,000	\$ 10,000
2	1-05.4SP	Roadway Surveying	LS	1	\$ 8,800	\$ 8,800
3	1-08.3SP	Type B Progress Schedule	LS	1	\$ -	\$ -
4	1-09.7	Mobilization	LS	1	\$ 31,000	\$ 31,000
5	1-10SP	Project Temporary Traffic Control	LS	1	\$ 11,000	\$ 11,000
6	1-10SP	Flaggers	HR	530	\$ 50	\$ 26,500
7	1-10SP	Traffic Control Supervisor	LS	1	\$ 10,000	\$ 10,000
8	2-02SP	Removing Cement Conc. Sidewalk	SY	90	\$ 15	\$ 1,350
9	2-02SP	Removing Cement Conc. Curb and Gutter	LF	140	\$ 10	\$ 1,400
10	4-04	Crushed Surfacing Base Course	TON	1,380	\$ 30	\$ 41,400
11	5-04SP	Planing Bituminous Pavement - 10 In.	SY	6,600	\$ 14	\$ 92,400
12	5-04	HMA CI. 1/2 In. PG 64-22	TON	2,250	\$ 100	\$ 225,000
13	5-04SP	Asphalt Cost Price Adjustment	CALC	1	\$ 3,796	\$ 3,796
14	7-05	Adjust Catch Basin	EA	10	\$ 450	\$ 4,500
15	7-05SP	Adjust Drainage Manhole	EA	11	\$ 600	\$ 6,600
16	7-05SP	Adjust Sanitary Sewer Manhole	EA	4	\$ 500	\$ 2,000
17	7-12SP	Adjust Water Valve Box	EA	19	\$ 400	\$ 7,600
18	8-01	Inlet Protection	EA	12	\$ 95	\$ 1,140
19	8-01SP	Erosion and Water Pollution Control	LS	1	\$ 11,000	\$ 11,000
20	8-01SP	SWPPP Preparation and Maintenance	LS	1	\$ 750	\$ 750
21	8-02SP	Property Restoration	EST	1	\$ 5,000	\$ 5,000
22	8-04	Cement Conc. Traffic Curb and Gutter	LF	170	\$ 25	\$ 4,250
23	8-09	Raised Pavement Marker Type 2	HUND	2	\$ 650	\$ 1,300
24	8-13SP	Adjust Monument Case and Cover	EA	2	\$ 500	\$ 1,000
25	8-14	Cement Conc. Sidewalk	SY	30	\$ 70	\$ 2,100
26	8-14SP	Cement Conc. Curb Ramp Type Parallel	SY	40	\$ 160	\$ 6,400
27	8-14SP	Cement Conc. Curb Ramp Type Single Direction	SY	30	\$ 160	\$ 4,800
28	8-20	Conduit Pipe 2 In. Diam.	LF	1,000	\$ 10	\$ 10,000
29	8-22	Paint Line	LF	2,550	\$ 1	\$ 2,550
30	8-22	Plastic Wide Lane Line	LF	570	\$ 4	\$ 2,280
31	8-22	Plastic Crosswalk Line	SF	580	\$ 7	\$ 4,060
32	8-22	Plastic Stop Line	LF	30	\$ 10	\$ 300
33	8-22	Plastic Traffic Arrow	EA	4	\$ 150	\$ 600
34	8-22	Plastic Bicycle Lane Symbol	EA	2	\$ 150	\$ 300
35	8-23	Temporary Pavement Marking	LF	6,300	\$ 1	\$ 6,300
36	8-27SP	Adjust Gas Valve Box	EA	3	\$ 300	\$ 900
SCH. D SUBTOTAL					\$ 548,376	

Schedule E - Administration Non-Federal Participating						
1	1-03.4SP	Contract Bond Extension	LS	1	\$ 20,000	\$ 20,000
SCH. E SUBTOTAL					\$ 20,000	

Schedule F - SR99 Illumination						
1	1-04.4SP	Unexpected Site Changes	EST	1	\$ 10,000	\$ 10,000
2	1-07SP	SPCC Plan	LS	1	\$ 1,000	\$ 1,000
3	1-05.18SP	Record Drawings (Minimum Bid \$2,000)	LS	1	\$ 2,000	\$ 2,000
4	1-09	Mobilization	LS	1	\$ 25,000	\$ 25,000
5	1-10SP	Project Temporary Traffic Control	LS	1	\$ 19,000	\$ 19,000
6	2-02SP	Off-Duty Uniformed Police Officer (Min. Bid \$45.00)	HR	40	\$ 45	\$ 1,800
7	2-02SP	Removing Cement Concrete Sidewalk	SY	200	\$ 30	\$ 6,000
8	8-01	Inlet Protection	EA	20	\$ 80	\$ 1,600
9	8-14	Cement Conc. Sidewalk	SY	200	\$ 40	\$ 8,000
10	8-20SP	Potholing Luminaire Foundation Locations	EA	19	\$ 1,500	\$ 28,500
11	8-20SP	Illumination System, Complete - North	LS	1	\$ 349,000	\$ 349,000
12	8-20SP	Repair of Existing Damaged Conduits	LS	1	\$ 10,000	\$ 10,000
SCH. F SUBTOTAL					\$ 461,900	
SCH. A - SCH. F SUBTOTAL						
					\$ 5,147,980	

FINAL OPINION OF COST
City of Edmonds - 228th Street SW Corridor Improvements
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Bld Alternate 1

Schedule H - 76th Ave W Overlay

1	1-04.4SP	Unexpected Site Changes	EST	1	\$ 5,000	\$ 5,000
1	1-05.4SP	Roadway Surveying	LS	1	\$ 500	\$ 500
2	1-09.7	Mobilization	LS	1	\$ 4,000	\$ 4,000
3	1-10SP	Project Temporary Traffic Control	LS	1	\$ 1,400	\$ 1,400
4	1-10SP	Flaggers	HR	100	\$ 50	\$ 5,000
5	1-10SP	Traffic Control Supervisor	LS	1	\$ 1,200	\$ 1,200
6	5-04SP	Geotextile for Paving	SY	2,500	\$ 2	\$ 5,000
7	5-04	HMA Cl. 1/2 In. PG 64-22	TON	280	\$ 100	\$ 28,000
8	5-04SP	Planing Bituminous Pavement - 2 In.	SY	2,320	\$ 6	\$ 13,920
9	5-04SP	Asphalt Cost Price Adjustment	CALC	1	\$ 472	\$ 472
10	7-05	Adjust Catch Basin	EA	5	\$ 450	\$ 2,250
11	7-05SP	Adjust Drainage Manhole	EA	3	\$ 600	\$ 1,800
12	7-12SP	Adjust Water Valve Box	EA	7	\$ 400	\$ 2,800
13	8-01	Inlet Protection	EA	7	\$ 95	\$ 665
14	8-01SP	Erosion and Water Pollution Control	LS	1	\$ 1,400	\$ 1,400
15	8-02SP	Property Restoration	EST	1	\$ 2,000	\$ 2,000
	8-27SP	Adjust Gas Valve Box	EA	1	\$ 300	\$ 300
SCH. H SUBTOTAL						\$ 75,707

Bid Alternate 2

Schedule I - 228th St SW Overlay

1	1-04.4SP	Unexpected Site Changes	EST	1	\$ 5,000	\$ 5,000
1	1-05.4SP	Roadway Surveying	LS	1	\$ 500	\$ 500
2	1-09.7	Mobilization	LS	1	\$ 2,000	\$ 2,000
3	1-10SP	Project Temporary Traffic Control	LS	1	\$ 700	\$ 700
4	1-10SP	Flaggers	HR	80	\$ 50	\$ 4,000
5	1-10SP	Traffic Control Supervisor	LS	1	\$ 1,000	\$ 1,000
6	5-04	HMA Cl. 1/2 In. PG 64-22	TON	140	\$ 100	\$ 14,000
7	5-04SP	Geotextile for Paving	SY	1,100	\$ 2	\$ 2,200
8	5-04SP	Planing Bituminous Pavement - 2 In.	SY	1,010	\$ 6	\$ 6,060
9	5-04SP	Planing Bituminous Pavement - 4 In.	SY	80	\$ 11	\$ 880
10	5-04SP	Asphalt Cost Price Adjustment	CALC	1	\$ 236	\$ 236
11	7-05	Adjust Catch Basin	EA	2	\$ 450	\$ 900
12	7-12SP	Adjust Water Valve Box	EA	3	\$ 400	\$ 1,200
13	8-01	Inlet Protection	EA	3	\$ 95	\$ 285
14	8-01SP	Erosion and Water Pollution Control	LS	1	\$ 700	\$ 700
15	8-02SP	Property Restoration	EST	1	\$ 2,000	\$ 2,000
SCH. I SUBTOTAL						\$ 41,661

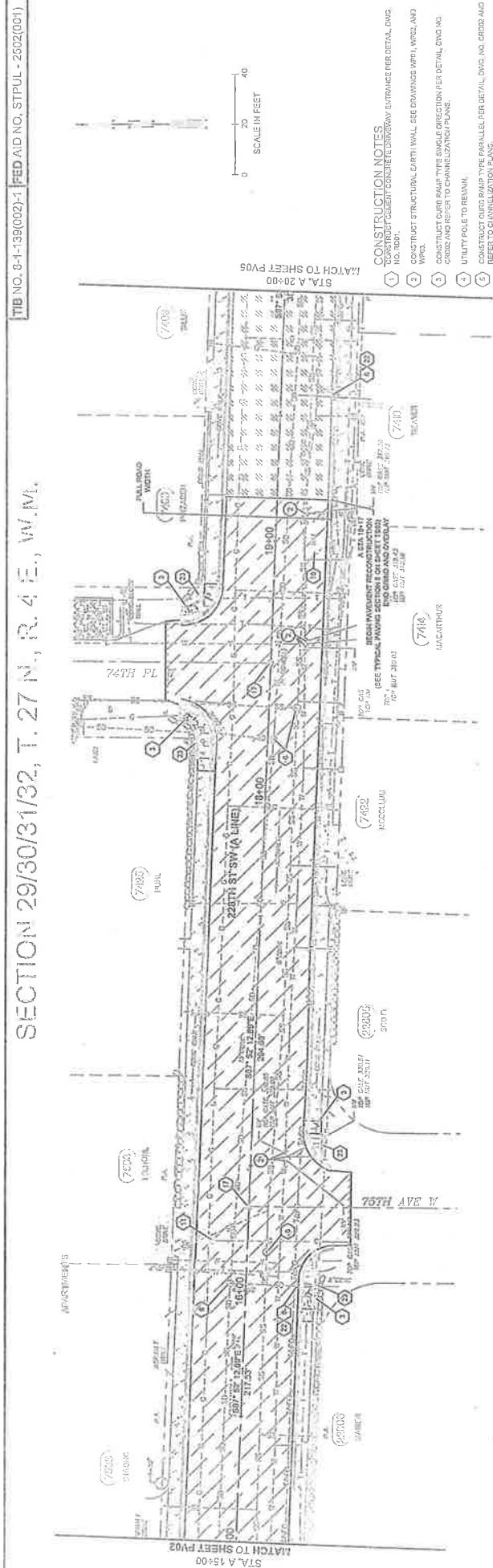
Bid Alternate 3

Schedule G - Decorative Median Treatment

1	8-26SP	Decorative Median Treatment	LF	295	\$ 400	\$ 118,000
2	8-26SP	Median Art Element	LF	130	\$ 300	\$ 39,000
SCH. G SUBTOTAL						\$ 157,000

SCH. A - SCH. I SUBTOTAL					\$ 5,422,348
Inflation Adjustment (3%)					\$ 162,700
City PM/Admin (3%)					\$ 162,700
Construction Management (15%)					\$ 813,400
Management Reserve (10%)					\$ 542,300
OPINION OF COST - TOTAL					\$ 7,103,448

SECTION 29/30/31/32, T. 27 N., R. 4 E., W.M.



WATER AND SEWER NOTES

- (1) ADJUST WATER METER BOX TO GRADE
- (2) ADJUST WATER VALVE BOX TO GRADE.
- (3) RELOCATE WATER METER BOX ONTO BENCHWALL
IF LOCATED ON THE SIDEWALK.
(AS FURNISHED BY OWNER)
- (4) ADJUST SANITARY SEWER MANHOLE TO GRADE. INSTALL SLIP RESISTANT
LOCKING LID IF LOCATED IN SIDEWALK.
- (5) RELOCATE FIRE HYDRANT. (TO BE COMPLETED BY CIVILS)

GENERAL NOTES:

1. TO PREVENT PHYSICAL SECTION AND DRIVEWAY COLLAPSE,
DO NOT EXCAVATE MORE THAN 12' DEEP.
2. FOR ALUMINUM EXCAVATION SHEET EROSION MITIGATION,
USE 1/2" THICK ALUMINUM.
3. FOR CURB CUTS, USE STEPPING STONES OR CHANNEL
CURB. CONTROL OF SAW LINE RESPONSIBLE TO ADJUST ELEVATION
UP OR DOWN AS NEEDED TO MATCH EXISTING SURFACE.
4. SURVEYORS ARE RESPONSIBLE TO SET OUT ELEVATION
ELEVATIONS.
5. CONTRACTOR IS RESPONSIBLE TO SET OUT ELEVATION
MARKS ON THE BENCHWALL FOR COORDINATING
WORK WITH MOUNTAINLINE SURFACE LAYMENT/THIN
CONTRACTOR WILL CONDUCT A ROLL BACK TEST
LOCATED ON THE BENCHWALL.
6. RELOCATED BENCHWALL WATERLINE NEEDS AND REQUIREMENTS
CONTRACTOR SHALL BE ADVISED BY THE CONTRACTOR
CONTRACTUAL PRICE, AT LEAST 72 HOURS IN ADVANCE
OF THE DATE OF RELOCATION, FOR THE BENCHWALL
WATERLINE TO BE LOCATED AGAINST THE NEW
WATERLINE. LOCATION MUST BE APPROVED BY THE CONTRACTOR.

ACCESSES TO LAND TO BE UNDERTAKEN DURING CONSTRUCTION, RELOCATED AS DIRECTED BY THE ENGINEER.

POTHOLE EXISTING TYPE PERIODICALLY PER DETAIL DWG. NO. 4C01

FIBER LAMINATE TO BE APPLIED TO TRAFFIC AREA.

ADJUST GATE VALVE TO GRADE.

CONSTRUCT CURVAType PEPPERDUCULAR PER DETAIL DWG. NO. 4C01

CUT AND REPAIR TO CHANNEL TERRAIN TERRAINS.

CONSTRUCT CURVAType PEPPERDUCULAR PER DETAIL DWG. NO. 4C01

INSTALL FREESTANDING GLAZED CLOSERDOWNTOWN CURB PER DETAIL DWG. NO. 4C01

STANDARD PLAN #G2-01 50' CHANNEL TERRAIN PLANS

INSTALL FREESTANDING GLAZED CLOSERDOWNTOWN CURB PER DETAIL DWG. NO. 4C01

STANDARD PLAN #G2-01 50' CHANNEL TERRAIN PLANS

INSTALL FREESTANDING GLAZED CLOSERDOWNTOWN CURB PER DETAIL DWG. NO. 4C01

CONSTRUCT DEPRESSED SIDEWALK PER DETAIL DWG. NO. 4C01

ADJUST MANHOLE CASE & COVER.

CONSTRUCT PAVING FOR SIDEWALKS & SIDEWALK SEPARATORS

POWER POLE INSTALLED BY OTHERS

**ADJUST ALL UTILITIES ON 7TH AVW & WATSON 226TH SWAND 50' TO
MANHOLES NOT SHOWN & WATER VALVES. 1 GAS VALVE & 1 CATCH DRAIN**

RELOCATE GRAVEL DRIVEWAY.

INSTALL HERRICKONNE GROVE, PER WSDOT STD PLAN B-50-010.

**CONTRACTOR SHALL COMPLETE RESTORATION OF
CONTRACTED AREA.**

**CONTRACTOR SHALL PAY FOR RESTORATION OF
CONTRACTED AREA.**

LEGEND

GENERAL NOTES:

1. MOVE BREVARD TYPICAL SECTION AND DRIVEWAY GUIDE LINE.
2. CONTRACTOR TO PROVIDE CONCRETE CURB, SIDEWALK, STATION, OFFSET INFORMATION SEE DVG NO. 150001.
3. FOR CURB, SIDEWALK, STATION, STRIPS AND NO-SCHUCHOLY ELEVATION, CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST ALL UTILITY ELEVATION.
4. 25TH STREET SURFACE FROM 0'-0" TO 20'-0" MINIMUM.
5. WHAT MANUFACTURER SPECIFIC LAY-OUT REQUIREMENTS CONTRACTOR MAY HAVE, THE CONTRACTOR SHALL MAINTAIN A COPY OF THE LAY-OUT REQUIREMENT FOR THE CONTRACTOR'S RECORDS.
6. CONTRACTOR SHALL NOT DAMAGE EXISTING SIDEWALKS OR OTHER PROPERTY.
7. CONTRACTOR SHALL BE REPAID BY THE CONTRACTOR CONTRACTOR'S FEES PAYABLE AT THE TIME OF PAYMENT.
8. CONTRACTOR SHALL PROVIDE AT LEAST TWELVE (12) MONTHS TO CONTRACTOR TO VIEW WATER AND SEWER CONTRACT FOR WHICH THERE WILL BE NO CHARGE FOR THE CONTRACTOR'S REVIEW.

GENERAL FIRE HYDRANT (TO BE COMPLETED BY DIVISION)

(3) RELOCATE FIRE HYDRANT (TO BE COMPLETED BY DIVISION)

(1) PUCES & TOPSOIL & SEDIMENT

(2) CONTRACT ACT ASYLUM TRANSITION (AMP) PER DETAIL DVG NO. AC01

(3) INSTALL PRECAST DULFORED CHANNEL DRAINABLE AMP PER DETAIL DVG NO. AC01

(4) STANDARD PLAN F102.01 (NG) CHANNELIZATION PLANS

(5) CONSTRUCT DEPRESSIVE SIDEWALK PER DETAIL DVG NO. P001

(6) ADJUST MURENUTS & GROMMETS

(7) ADJUST CEMENT TO WOOD ADJACENT TO NEW DVG. RELOCATE SIDEWALK IN

(8) POWER POLE INSTALLED BY OTHERS

(9) ADJUST TALLITURE OUTLET HINGE IN BETWEEN 2ND GND AND 3RD GND

(10) GRADE NO GROMMETS IN WIRE VALVE. GAS VALVES & A CATCH IN HINGE OR MANIFOLDS

(11) RESTORE GRAVEL ON DVG

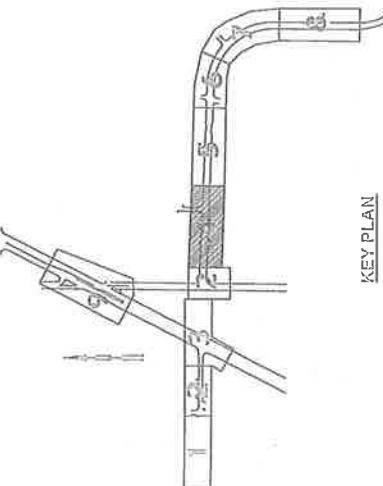
(12) INSTALL HERRONICANE GROUT PER WSDOT STD PLAN 2D-50-010

(13) CONTRACTOR TO COMPLETE SIDEWALK

(14) CONTRACTOR TO ESTABLISH TUBE RELOCATED BY OTHERS

(15) CATCH BOWL IN GROUT

KEY PLAN

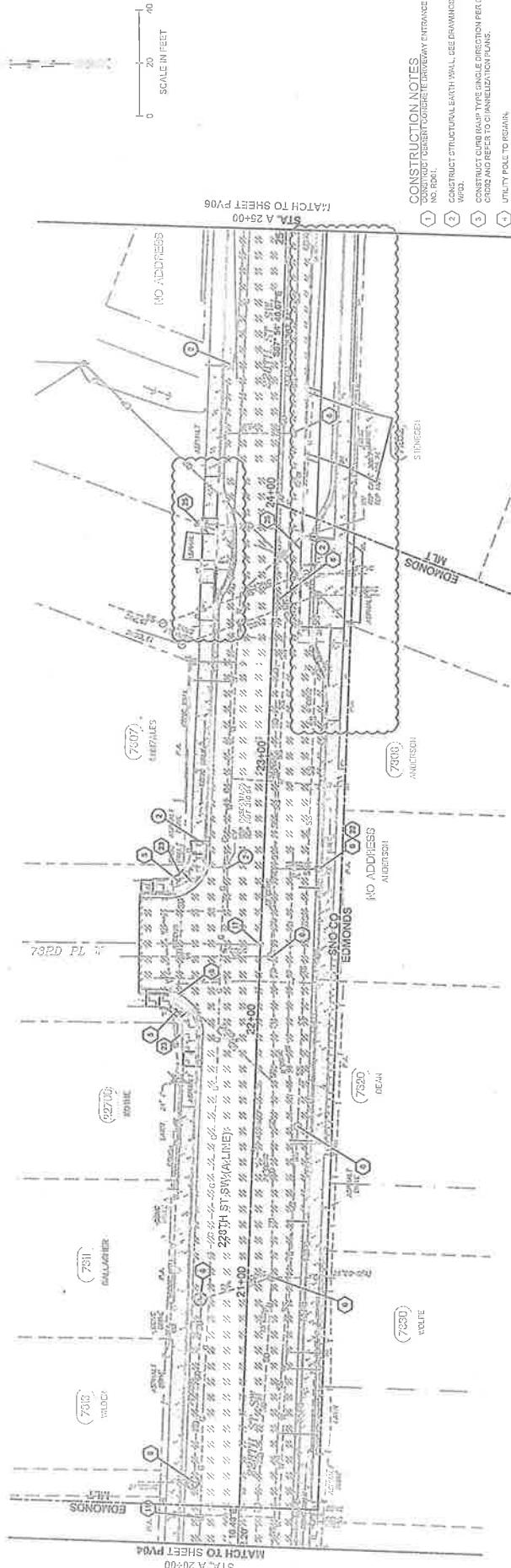


PAVING PLAN

SECTION 29/30/31/32, T. 27 N., R. 4 E., W.M.

TIB NO. 8-1-135(0G2)-1 FED AID NO. STPUL - 2502(001)

TIB NO. 8-1-135(0G2)-1 FED AID NO. STPUL - 2502(001)

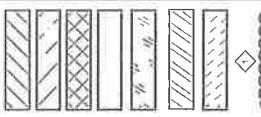


- CONSTRUCTION NOTES
 - CONSTRUCT CURB TYPE DRIVAWAY CHIMNEY PER DETAIL DWG NO. RAIL.
 - CONSTRUCT STRUCTURAL EARTH WALL SEE DRAWINGS W51, W52, AND W53.
 - CONSTRUCT CURB MAP TYPE SINGLE DIRECTION PER DETAIL DWG NO CROWD AND REFER TO ANNEXATION PLANS.
 - END POINT TO REACH.
 - CONSTRUCT CURB MAP TYPE PARALLEL PER DETAIL DWG NO GRCB2 AND GRCB3.

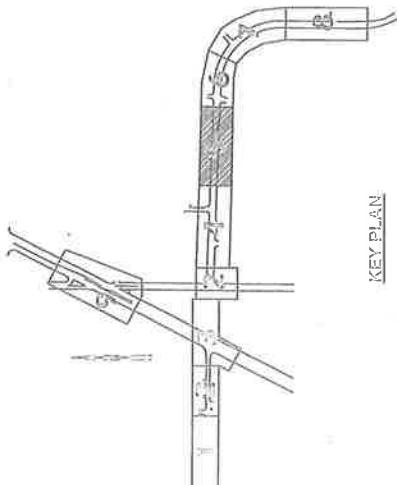
WATER AND SEWER NOTES

LEGEND

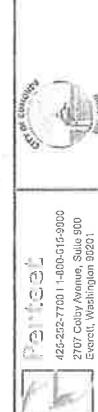
CEMENT CONCRETE CURB AND CUTTER/CB
CONCRETE SIDEWALK



NOTE: SEE TYPICAL ROADWAY SECTION SHEETS TS01-TS03 FOR PAVING & SURFACING DEPTHS. SEE CURB RAMP DIMENSIONS/ TERMINOLOGY KEY DRG. NO. CROW



140

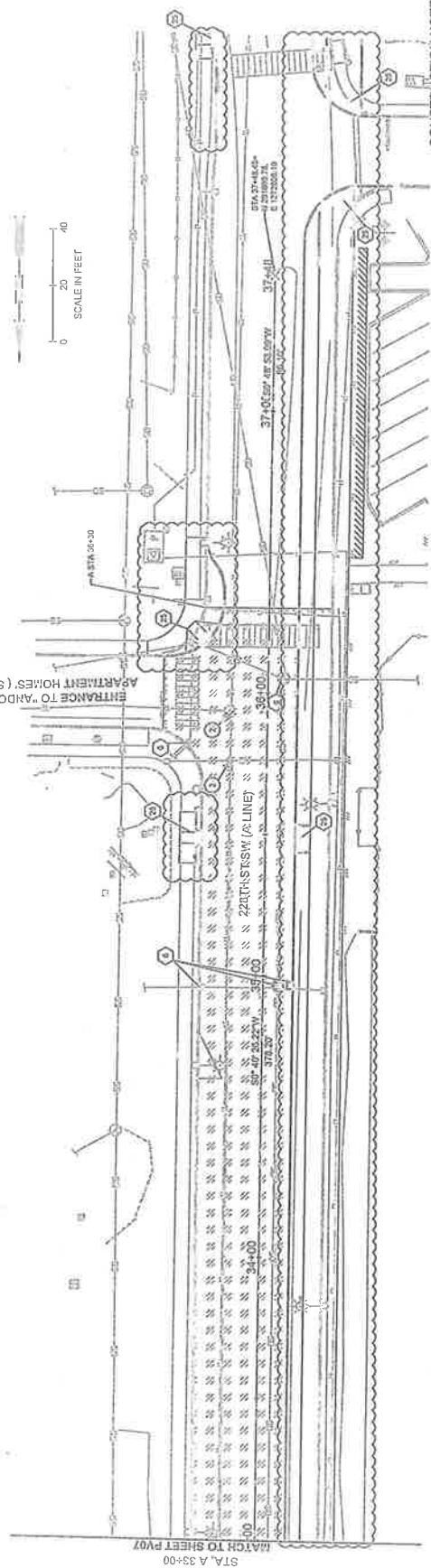


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SECTION 29/30/31/32, T. 27 N., R. 4 E., W.M.

[TIB NO. 8-1-139(002)-1] [FED AID NO. STPUL - 2502(001)]



COSTS STRUCTURES

CONSTRUCTION NOTES
CONSTRUCTION GOVERNMENT CONTRACTS PER DETAIL, DWG.

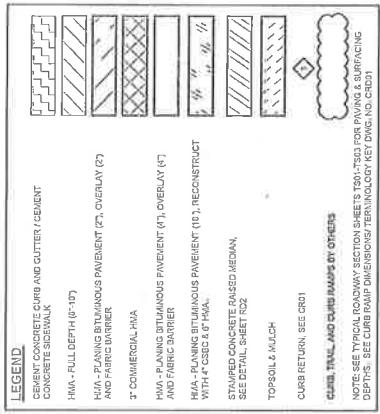
WATER AND SEWER NOTES

- 1**) **ADJUST WATER METER BOX TO GRADE**

2) **ADJUST WATER VALVE BOX TO GRADE**

FOR REVIEW BY CAL B
SEE DWG NO RD01

1. ADJUST GATE VALVE SOOT TO GRADE.
 2. FOR ALIGNMENT OF INSULATION REEDS SEE FIG. NO. 10A & 10B.
 3. STATION 10 OFFERS INFORMATION AS TO THE LOCATION OF THE CONTRACTOR'S INSULATION REEDS. CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST ALL UTILITY SURFACE FEATURES TO FINAL PAVEMENT SURFACE.
 4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH UNTILARIA TERRACE LAKEVIEW TRAIL CONTRACTOR (POW) WHILE CONSTRUCTING A NEW CROWN FOR UNTILARIA TERRACE LAKEVIEW TRAIL.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH UNTILARIA TERRACE LAKEVIEW TRAIL CONTRACTOR (POW) WHILE CONSTRUCTING A NEW CROWN FOR UNTILARIA TERRACE LAKEVIEW TRAIL.
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KEY POINT

